

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
 Data File : BG033614.D
 Acq On : 6 Apr 2018 4:59
 Operator : SJ/JU
 Sample : J2211-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 06 05:47:57 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

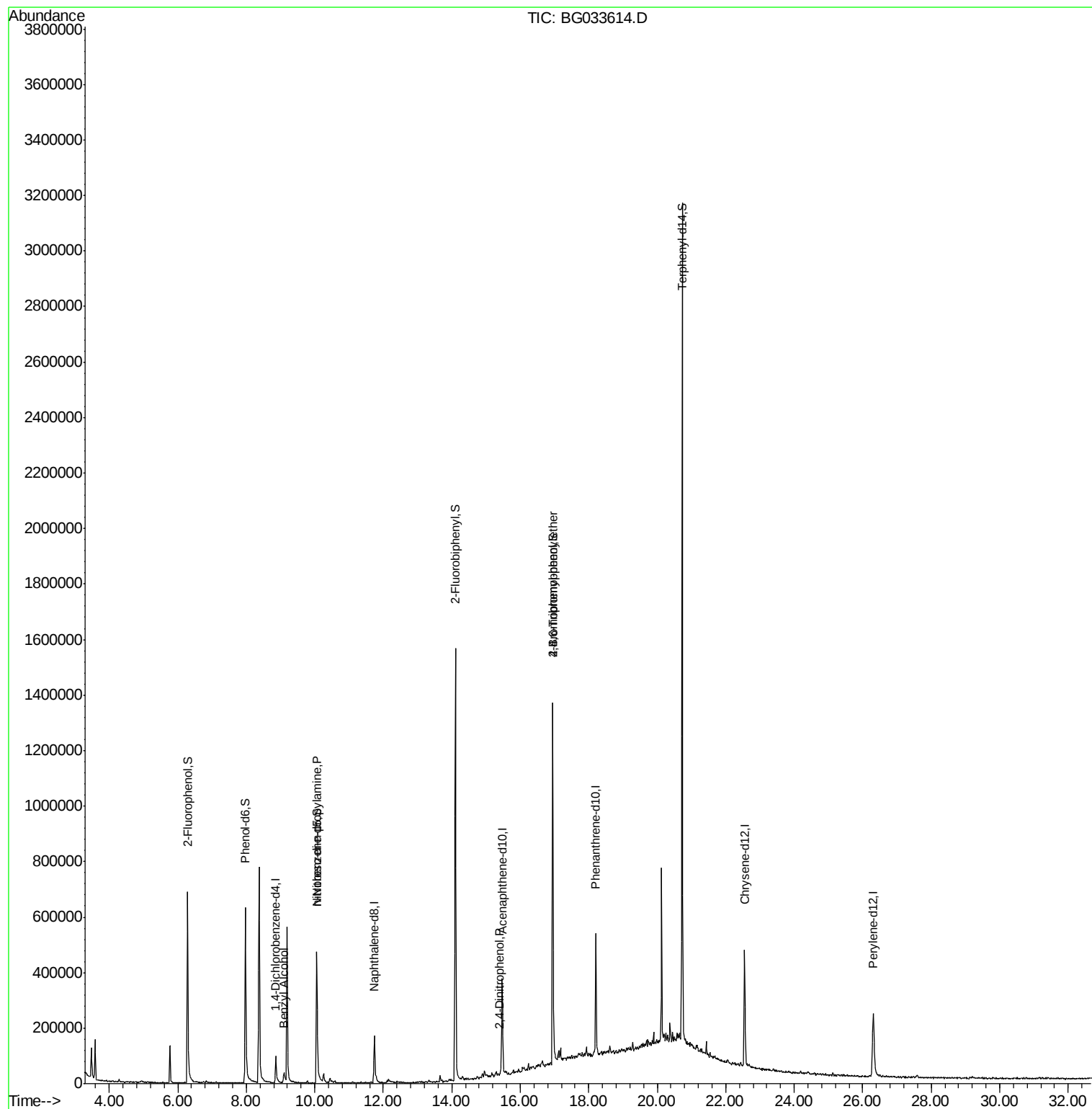
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	35242	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	168458	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	127110	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	310147	20.00	ng	0.00
75) Chrysene-d12	22.55	240	312441	20.00	ng	0.00
86) Perylene-d12	26.31	264	330649	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	331129	176.18	ng	0.00
7) Phenol-d6	7.97	99	446652	138.31	ng	0.00
23) Nitrobenzene-d5	10.06	82	364352	99.37	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	252885	133.02	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	881720	100.14	ng	0.00
78) Terphenyl-d14	20.73	244	1487846	101.84	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.10	79	22975	9.036	ng	# 82
19) n-Nitroso-di-n-propylamine	10.06	70	50862	21.494	ng	# 76
53) 2,4-Dinitrophenol	15.40	184	69	7.696	ng	# 1
66) 4-Bromophenyl-phenylether	16.95	248	19795	5.435	ng	# 1

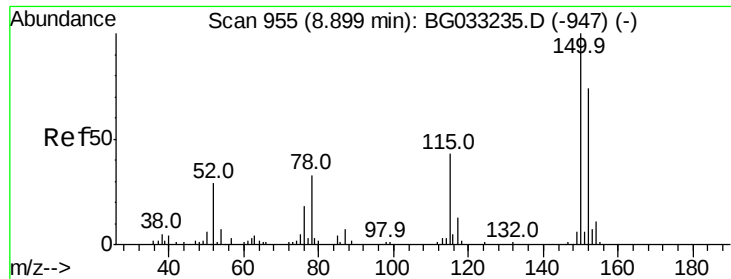
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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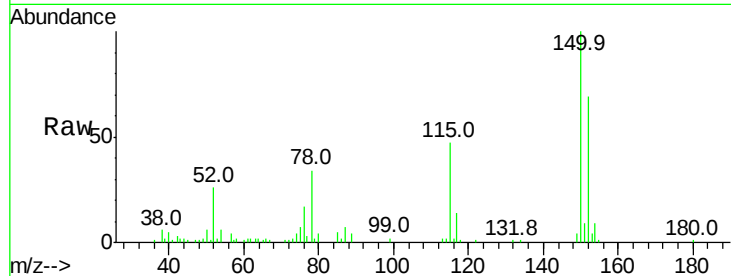


#1

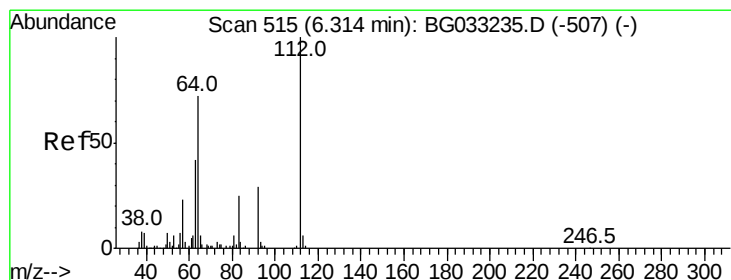
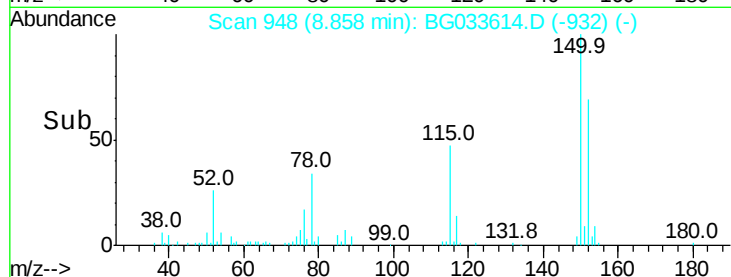
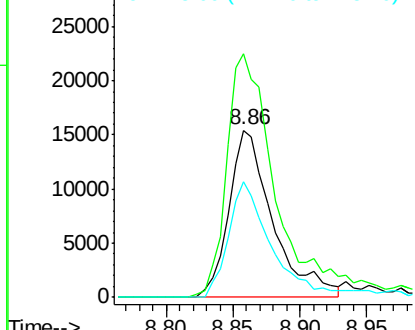
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033614.D
Acq: 6 Apr 2018 4:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 35242
Ion Ratio Lower Upper
152 100
150 145.5 126.6 189.8
115 68.9 53.0 79.4



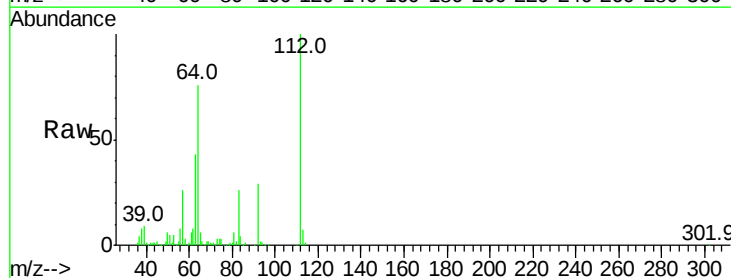
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



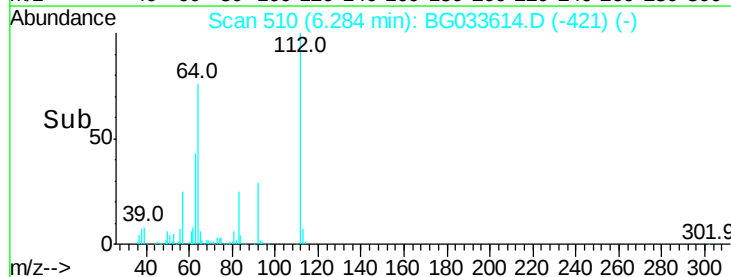
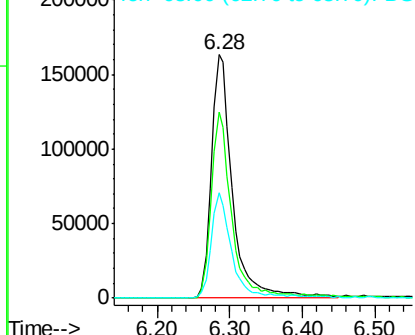
#5

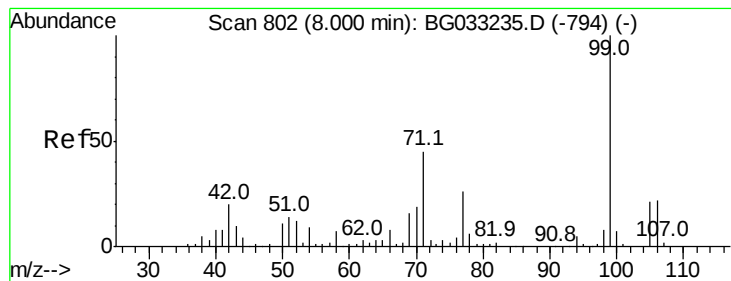
2-Fluorophenol
Concen: 176.184 ng
RT: 6.28 min Scan# 510
Delta R.T. -0.01 min
Lab File: BG033614.D
Acq: 6 Apr 2018 4:59

Tgt Ion:112 Resp: 331129
Ion Ratio Lower Upper
112 100
64 76.3 56.3 84.5
63 43.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 138.313 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033614.D

Acq: 6 Apr 2018 4:59

Instrument :

BNA_G

ClientSampleId :

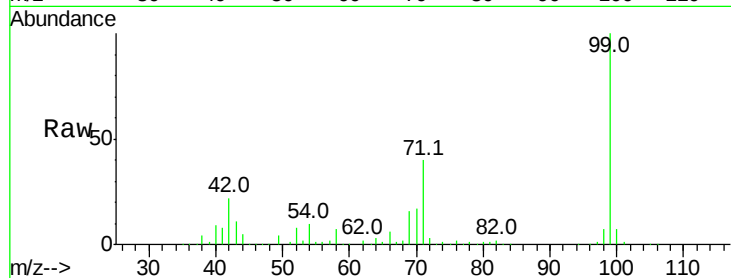
Tot Ion: 99 Resp: 446652

Ion Ratio Lower Upper

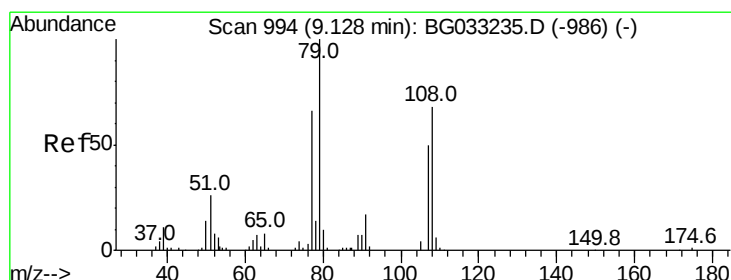
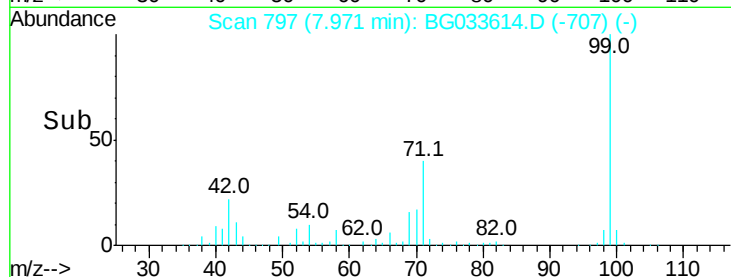
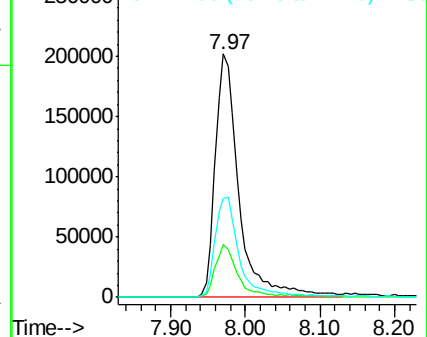
99 100

42 21.8 14.1 21.1#

71 40.4 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#15

Benzyl Alcohol

Concen: 9.036 ng

RT: 9.10 min Scan# 990

Delta R.T. 0.01 min

Lab File: BG033614.D

Acq: 6 Apr 2018 4:59

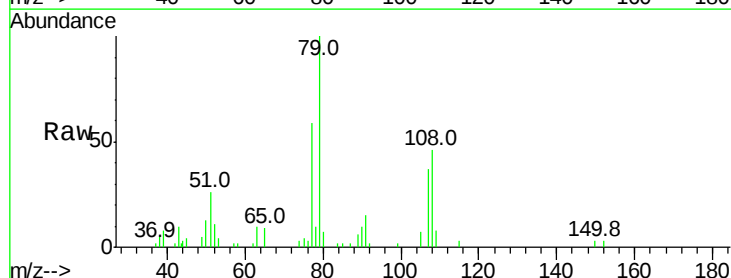
Tgt Ion: 79 Resp: 22975

Ion Ratio Lower Upper

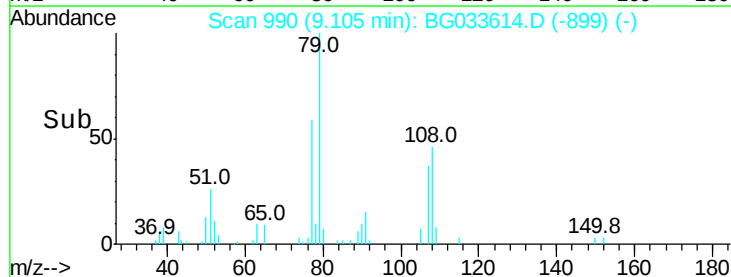
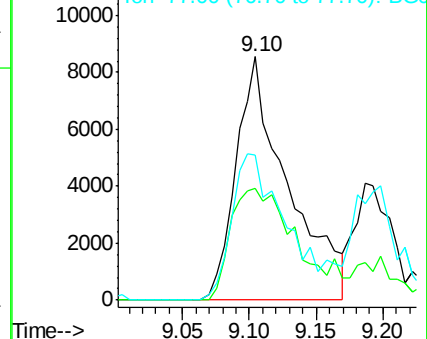
79 100

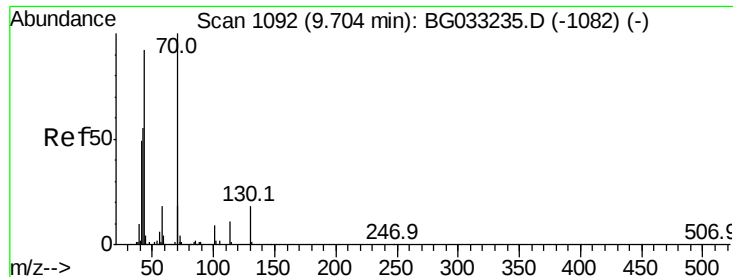
108 46.1 57.2 85.8#

77 59.4 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

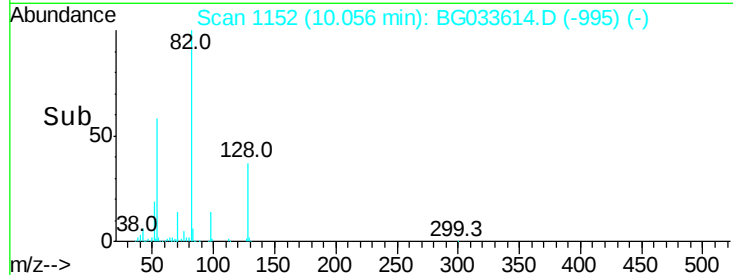
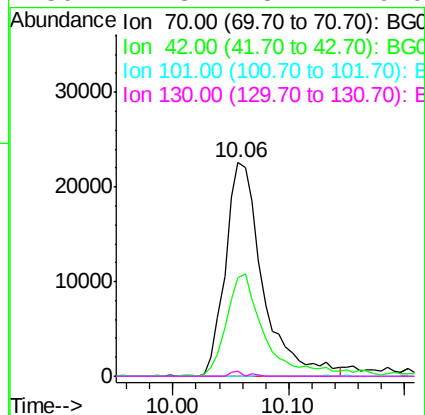
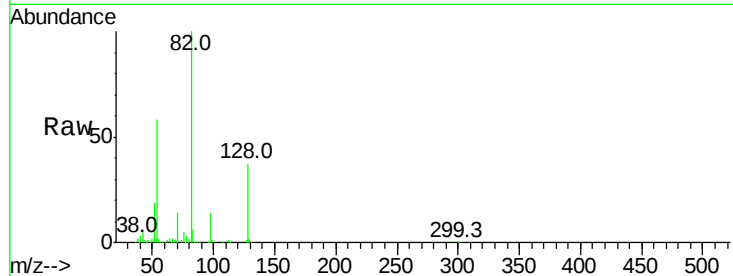




#19
n-Nitroso-di-n-propylamine
Concen: 21.494 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.39 min
Lab File: BG033614.D
Acq: 6 Apr 2018 4:59

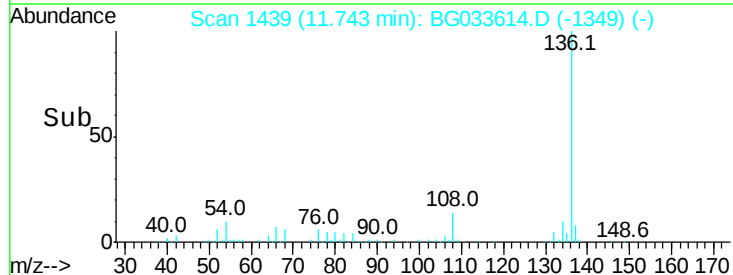
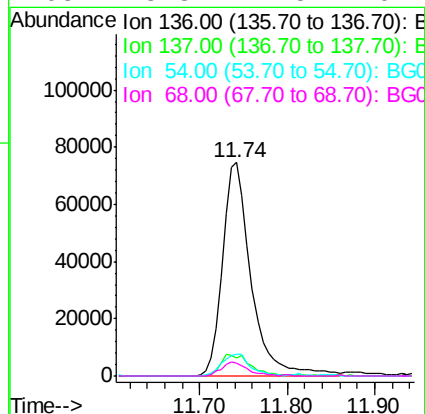
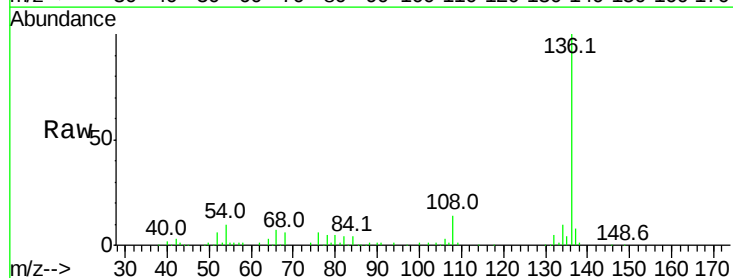
Instrument :
BNA_G
ClientSampleId :

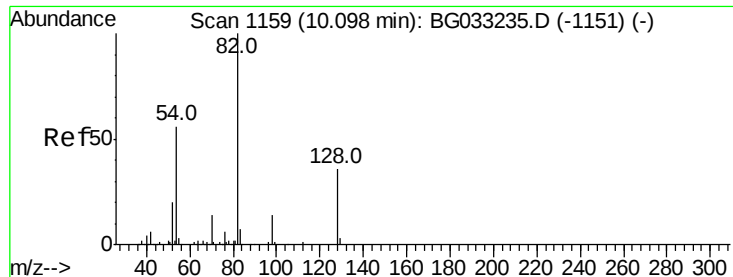
Tot Ion: 70 Resp: 50862
Ion Ratio Lower Upper
70 100
42 46.0 49.1 73.7#
101 0.0 8.5 12.7#
130 2.3 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BG033614.D
Acq: 6 Apr 2018 4:59

Tgt Ion: 136 Resp: 168458
Ion Ratio Lower Upper
136 100
137 8.4 9.2 13.8#
54 10.3 10.3 15.5#
68 5.8 4.5 6.7





#23

Nitrobenzene-d5

Concen: 99.371 ng

RT: 10.06 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BG033614.D

Acq: 6 Apr 2018 4:59

Instrument :

BNA_G

ClientSampleId :

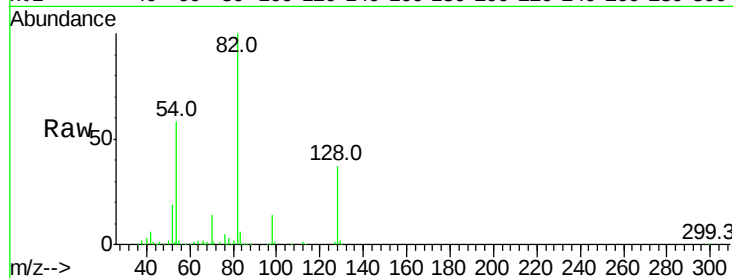
Tot Ion: 82 Resp: 364352

Ion Ratio Lower Upper

82 100

128 37.0 29.7 44.5

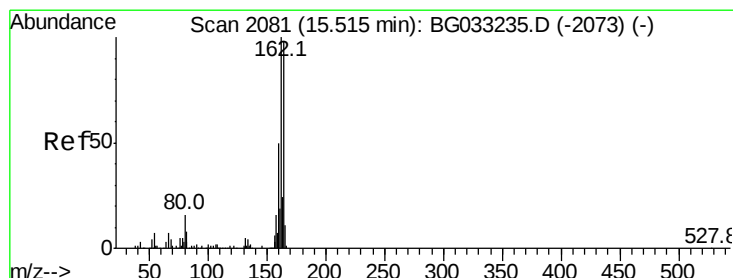
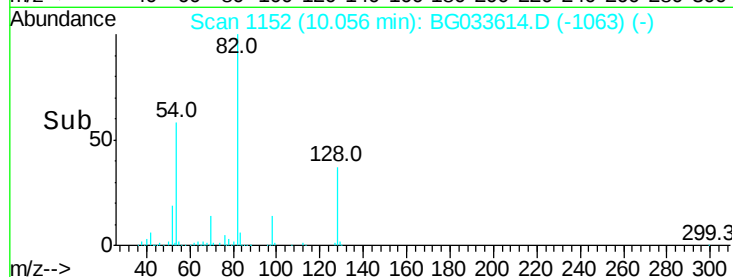
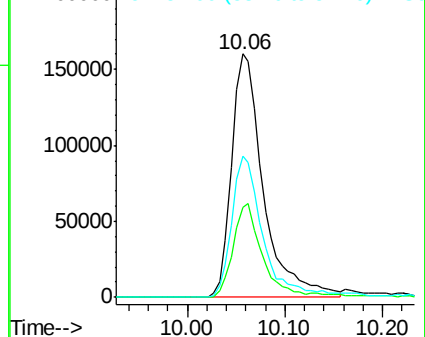
54 58.2 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BG033614.D

Acq: 6 Apr 2018 4:59

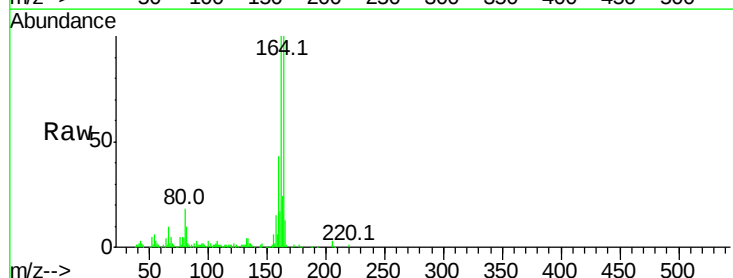
Tgt Ion: 164 Resp: 127110

Ion Ratio Lower Upper

164 100

162 100.3 78.8 118.2

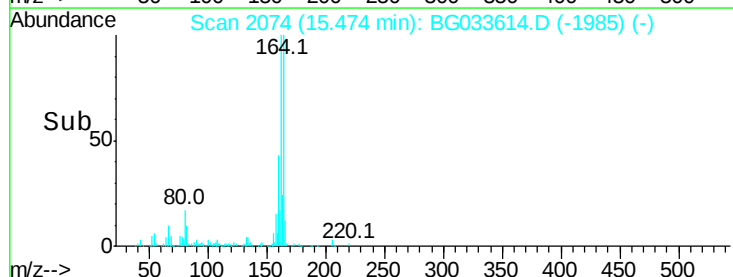
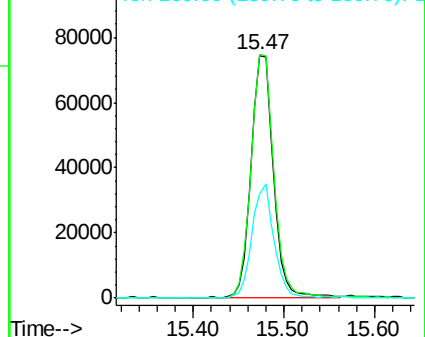
160 43.1 35.4 53.0

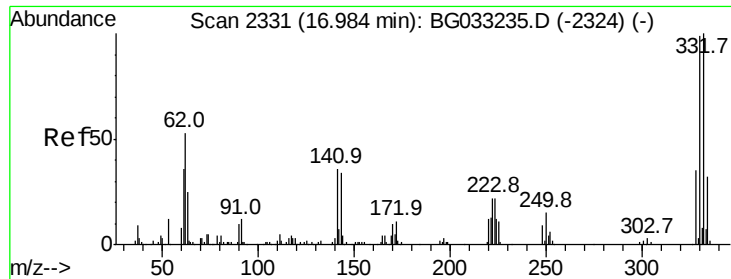


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

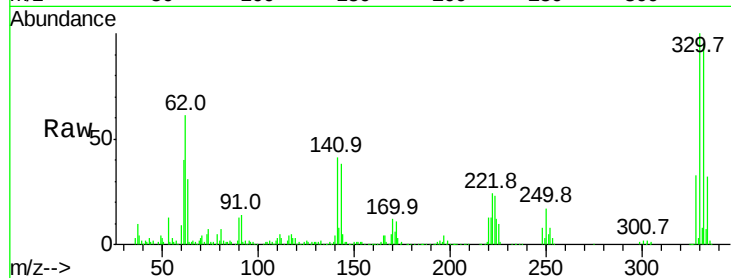




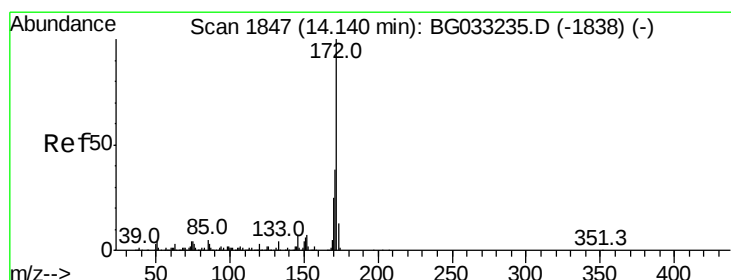
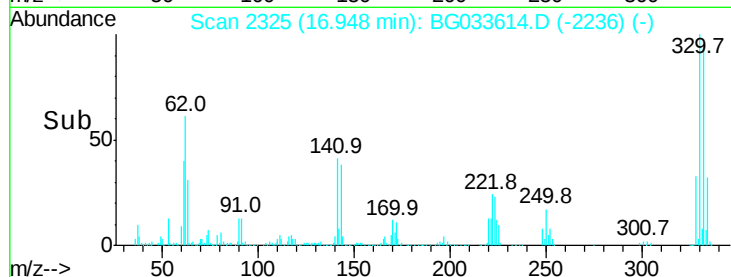
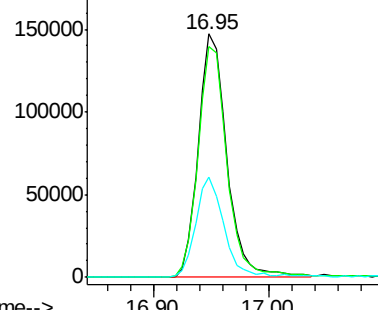
#41
 2,4,6-Tribromophenol
 Concen: 133.022 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033614.D
 Acq: 6 Apr 2018 4:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	39.6	25.2	37.8#

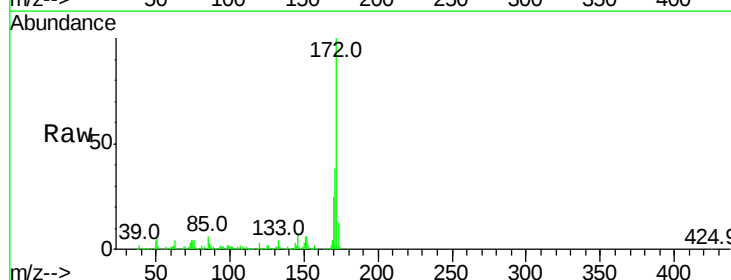


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

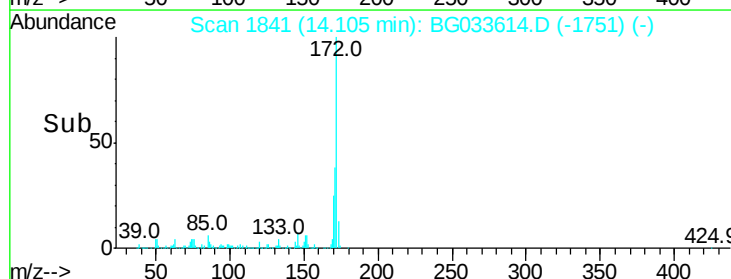
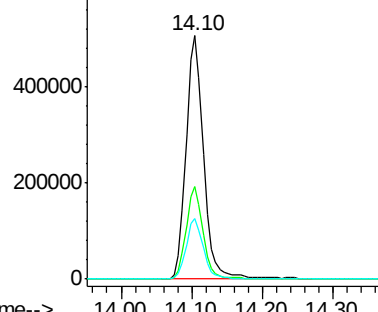


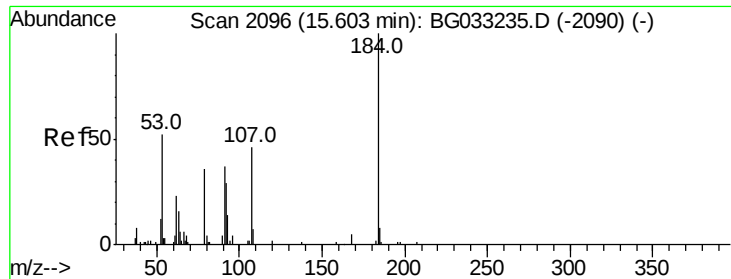
#44
 2-Fluorobiphenyl
 Concen: 100.140 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033614.D
 Acq: 6 Apr 2018 4:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	25.1	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

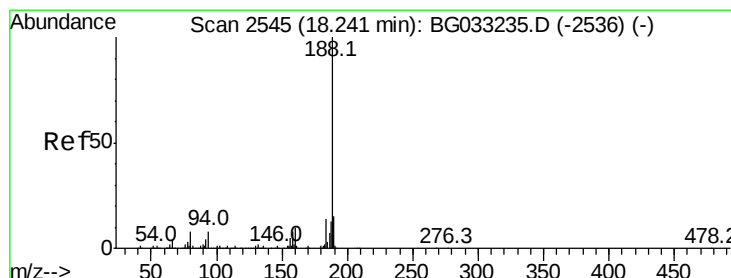
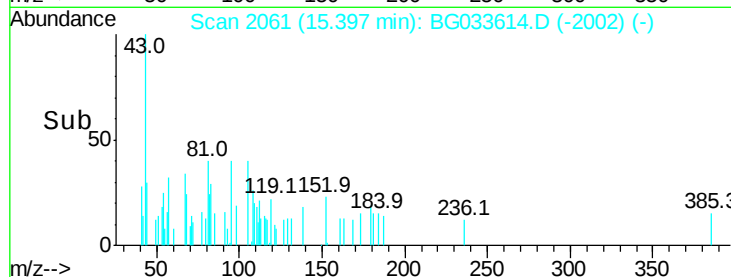
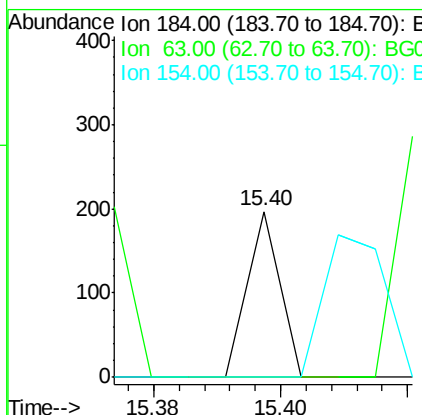
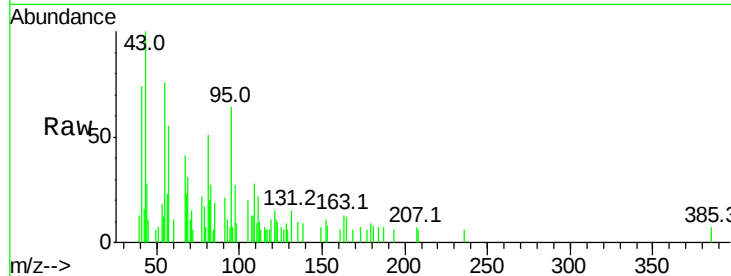




#53
 2,4-Dinitrophenol
 Concen: 7.696 ng
 RT: 15.40 min Scan# 2061
 Delta R.T. -0.18 min
 Lab File: BG033614.D
 Acq: 6 Apr 2018 4:59

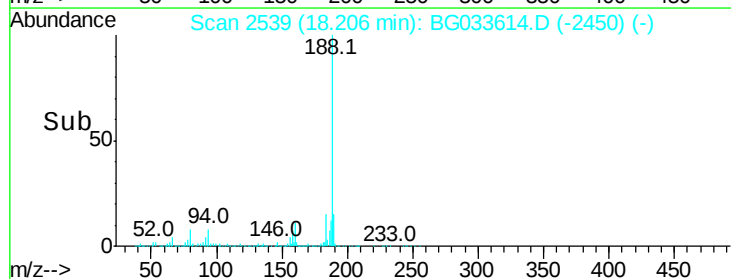
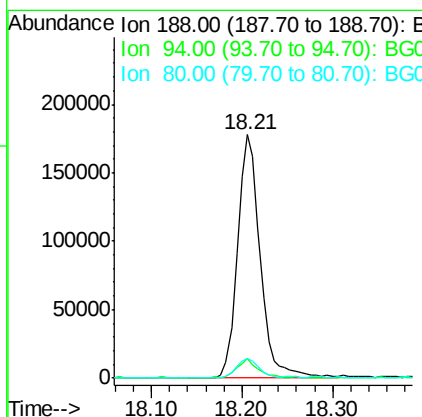
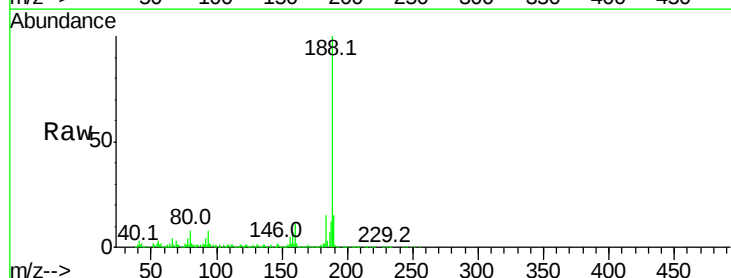
Instrument :
 BNA_G
 ClientSampleId :

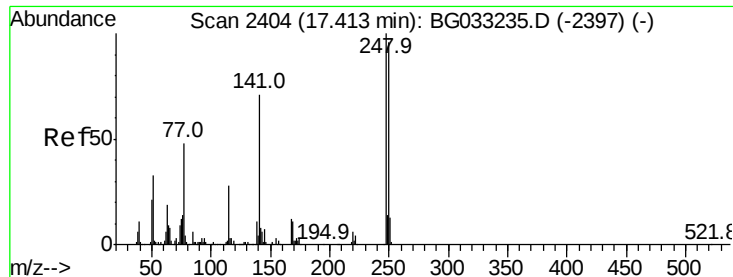
Tot Ion:184 Resp: 69
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BG033614.D
 Acq: 6 Apr 2018 4:59

Tgt Ion:188 Resp: 310147
 Ion Ratio Lower Upper
 188 100
 94 8.3 6.9 10.3
 80 8.0 7.7 11.5

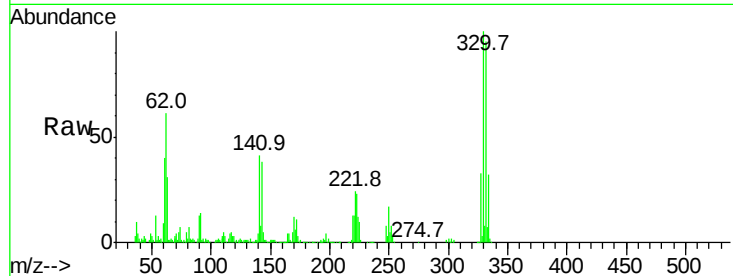




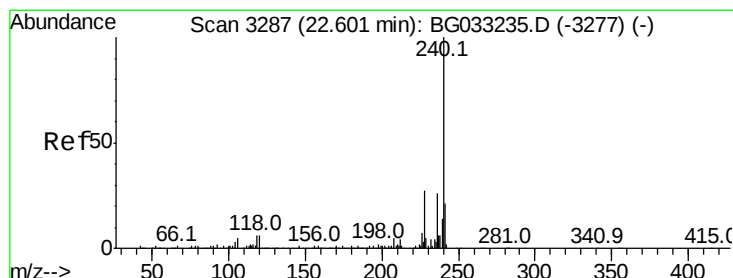
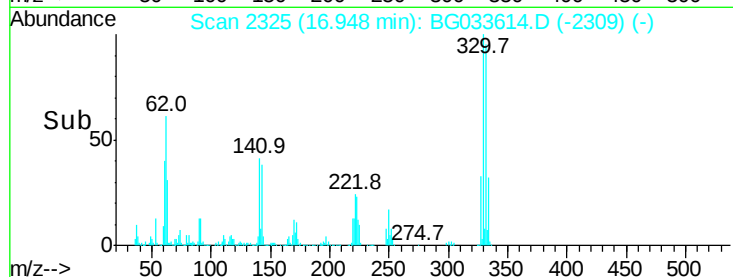
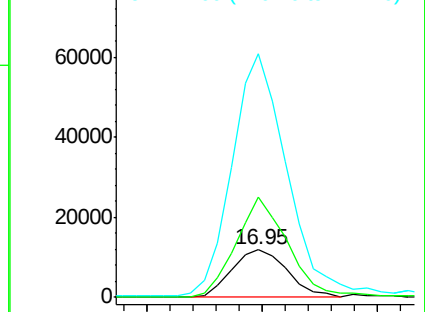
#66
4-Bromophenyl-phenylether
Concen: 5.435 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.43 min
Lab File: BG033614.D
Acq: 6 Apr 2018 4:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 19795
Ion Ratio Lower Upper
248 100
250 211.9 77.1 115.7#
141 514.5 50.8 76.2#

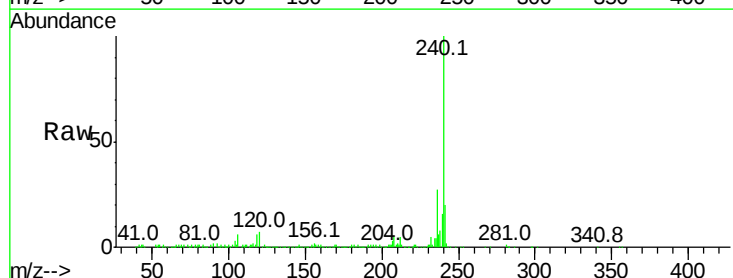


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

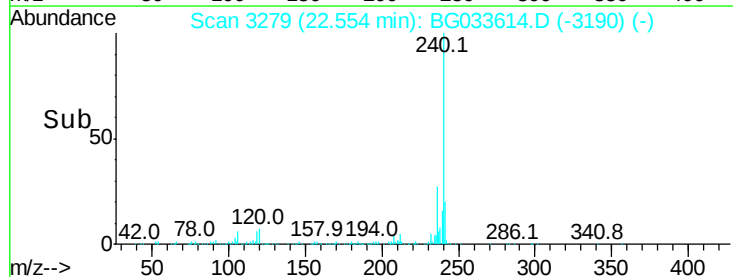
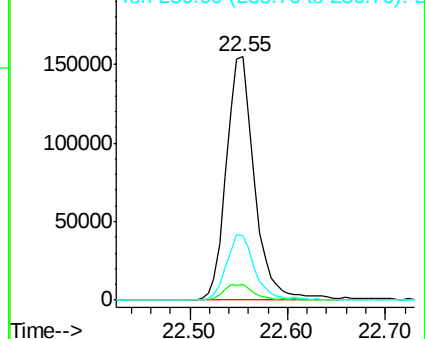


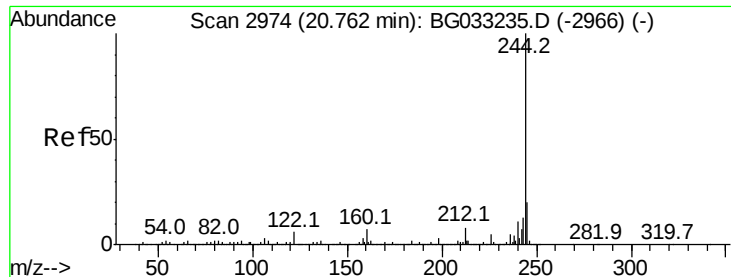
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033614.D
Acq: 6 Apr 2018 4:59

Tgt Ion:240 Resp: 312441
Ion Ratio Lower Upper
240 100
120 6.7 6.8 10.2#
236 26.6 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

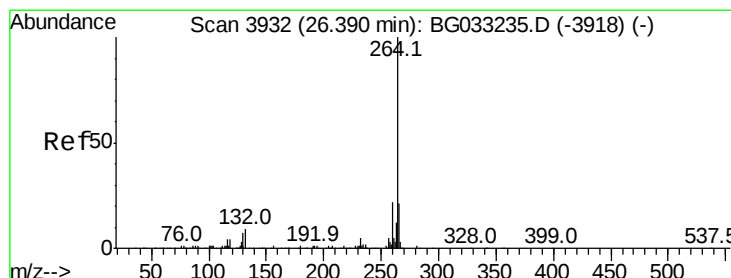
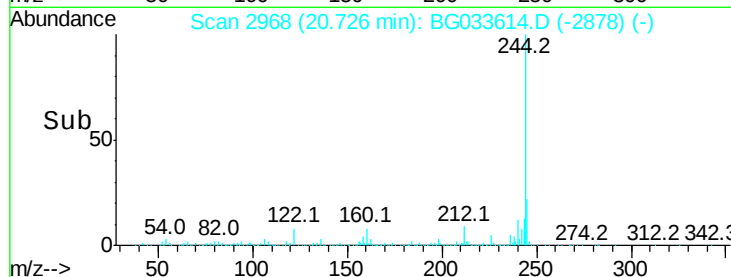
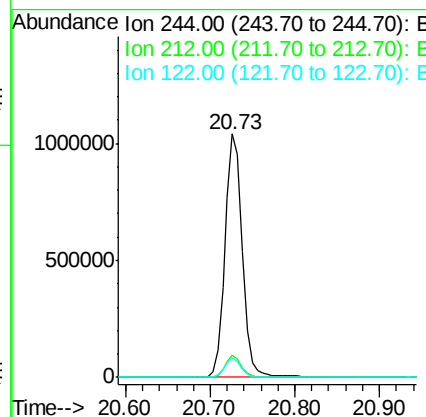
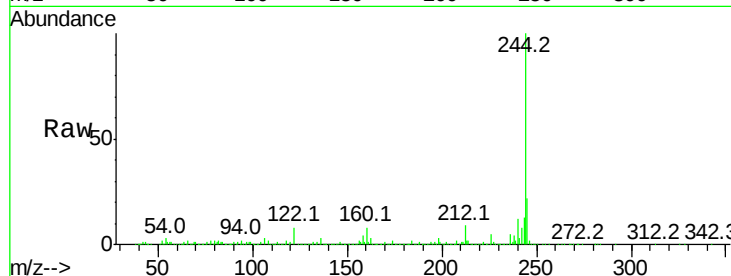




#78
 Terphenyl-d14
 Concen: 101.841 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. 0.00 min
 Lab File: BG033614.D
 Acq: 6 Apr 2018 4:59

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1487846
 Ion Ratio Lower Upper
 244 100
 212 9.2 5.8 8.8#
 122 7.8 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.31 min Scan# 3918
 Delta R.T. -0.01 min
 Lab File: BG033614.D
 Acq: 6 Apr 2018 4:59

Tgt Ion:264 Resp: 330649
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.4 26.0
 265 21.0 17.7 26.5

